

Title (en)
MICROSPHERE PRESSURE SENSITIVE ADHESIVE COMPOSITION

Title (de)
MIKROKUGELARTIGES HAFTKLEBEMITTEL

Title (fr)
COMPOSITION AUTOCOLLANTE À BASE DE MICROSPHÈRES

Publication
EP 2231810 A1 20100929 (EN)

Application
EP 08862051 A 20081217

Priority
• US 2008087232 W 20081217
• US 1447407 P 20071218

Abstract (en)
[origin: US2009156074A1] The present invention provides an adhesive made from a reaction product of: (a) a polymerizable monomer derived at least in part from non-petroleum resources; (b) an initiator; (c) a polymeric stabilizer, wherein the reaction occurs in water to yield a microsphere adhesive. The microsphere adhesive can be formulated into a pressure sensitive adhesive composition that can be applied to various substrates such as paper and polymeric film to produce repositionable adhesive coated articles such as tapes, notes, flags, easels and the like.

IPC 8 full level
C09J 191/00 (2006.01)

CPC (source: EP KR US)
C09J 4/00 (2013.01 - KR); **C09J 7/21** (2017.12 - KR); **C09J 7/30** (2017.12 - KR); **C09J 7/38** (2017.12 - KR); **C09J 133/08** (2013.01 - EP KR US); **C09J 191/00** (2013.01 - KR); **C08F 220/1808** (2020.02 - EP US); **C08G 2170/40** (2013.01 - EP US); **C09J 2301/302** (2020.08 - KR); **C09J 2301/412** (2020.08 - KR); **Y10T 428/28** (2015.01 - EP US); **Y10T 428/2804** (2015.01 - EP US); **Y10T 428/2839** (2015.01 - EP US); **Y10T 428/2861** (2015.01 - EP US); **Y10T 442/2754** (2015.04 - EP US)

Citation (search report)
See references of WO 2009079582A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2009156074 A1 20090618; **US 8318303 B2 20121127**; CN 101903486 A 20101201; EP 2231810 A1 20100929; JP 2011508804 A 20110317; JP 2014077141 A 20140501; JP 6054848 B2 20161227; KR 20100103831 A 20100928; US 2013023622 A1 20130124; WO 2009079582 A1 20090625

DOCDB simple family (application)
US 33729308 A 20081217; CN 200880121459 A 20081217; EP 08862051 A 20081217; JP 2010539748 A 20081217; JP 2013252931 A 20131206; KR 20107015824 A 20081217; US 2008087232 W 20081217; US 201213633360 A 20121002